

TITLE

Project No. \_\_\_\_\_

Book No. \_\_\_\_\_

101

From Page No. \_\_\_\_\_

Page #1  
User : 5HT FUNCT

Packard Instrument Company  
125I BINDING(QUICK)

Protocol #: 17  
15:40

Count Time(minutes): 2.00  
Assay Type: CPM  
Background Subtract : IPA 8kg  
Outlier: 5.0 FLAG  
Screening: OFF

Window A  
Nuclide: I-125  
Half Life(hours): 0.00  
Multiplier: 1.0000  
%CV Flag Limit: 0.00

125I-MNU-8C  
SNR72

SR#	A:CPM	A:ERR	B:CPM	B:ERR	A:ERROR	CCPM RESULT	PAT/ID
1	28007.1	0.42	0.0	0.0	28007.1	SAMPLE 1	1
2	27068.4	0.43	0.0	0.0	27068.4	SAMPLE 2	
3	160062	0.18	0.0	0.0	160062	SAMPLE 3	3
4	169036	0.17	0.0	0.0	169036	SAMPLE 4	

cell media - rane harvest chart

DATE: Mon

Batch #	CB	Receptor	Book #	cell line	P#	plate #	confluency	TE WashBuffer	Sonic.	Homogen	Final Buff.
15818	TJ	hSMX62	BW23A	65-7	93	50	100	100.0ul	250ul	Homogen	10.0ul
15819	DT	hSMX72	BW30A	65-7	93	50	100%	100.0ul	250ul	Homogen	10.0ul

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Date

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125  $\mu$ g M<sub>N</sub>23ml + 200ul  $\approx$  70,000cpm

4ml + 290 = 100g

SNAP62 15818

4ml + 250 = 100g

SNAP72 15819

4ml + 650 = 100g

SNAP62 15341

PHDBABBP

"B"

BECKMAN DU-600

PHDBABBP

"B"

Date:

Time: 11:48

PHDBABBP

"B"

Protein Analysis: Samples  
ReadSamples Standards

SaveClear

Print

Quit

Results file: A:\WORK\_RES  
 Assay type: Bradford  
 Component name: new\_stuff  
 Curve fit: Linear, non-zero intercept  
 Slope: 0.03835 A\_Int: 0.0487  
 Dilution correction: [Yes]  
 Read average time: 0.50 sec

Standards file: A:\XP699  
 Analytical wl: 595.0 nm  
 Method name: A:\DEFAULT  
 Number of sample replicates: 2  
 samples over: 1.000 % CV  
 Sampling device: Auto smplr

Sample ID	Rep#	Analytical abs	Dilution Factor	Conc ug/ml	Flag
1	1	0.5769	1.0000	13.7725	
1	2	0.6207	1.0000	14.9148	
			Mean:	14.3437	
2	1	0.6823	1.0000	16.5211	
2	2	0.7340	1.0000	17.8676	
			Mean:	17.1943	
3	1		1.0000		

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16:38

Packard Instrument Company

Protocol #: 17

125I BINDING (QUICK)

User \_\_\_\_\_

Count Time(minutes): 2.00  
Assay Type: CPM  
Background Subtract : IPA Bkg  
Outlier: 5.0 FLAG  
Screening: OFF

Window A  
Nuclide: I-125  
Half Life(hours): 0.00  
Multiplier: 1.0000  
3CV Flag Limit: 0.00

S# A:CPM A:3ERR B:CPM B:3ERR A:ERROR CCPM RESULT  
1 116163 0.21 0.0 116163  
2 117394 0.21 0.0 117394  
16 MISSING TURF(S)

PAT/ID  
SAMPLE 1  
SAMPLE 2

125I MNU-28

16:55

Counting protocol no: 9

Name: SPA\_125I

CPM normalization protocol no: 9

Total count rate: 35154.5 CCPM

PLATES:

Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPMI

1 2 3 4 5 6 7 8 9 10 11 12  
A 256 249 263 263 181 187 198 150 7 14 6 8  
B 341 296 322 263 152 168 156 169 11 13 9 8  
C 302 307 305 292 158 147 150 137 10 6 17 8  
D 875 959 1080 1025 529 530 601 561 11 19 8 5  
E 625 601 638 574 326 340 332 297 9 9 9 5  
F 580 576 549 601 326 386 336 300 9 5 11 8  
G 1167 1271 1417 1256 912 738 823 744 13 22 11 14  
H 1159 1258 1119 1158 724 723 764 640 11 11 8 9

End of plate 1

Total count rate: 23479.8 CCPM

PLATES:

Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPMI

1 2 3 4 5 6 7 8 9 10 11 12  
A 185 177 228 182 139 131 158 146 10 14 9 11  
B 177 206 227 187 69 98 111 99 18 5 3 5  
C 227 209 213 216 58 81 57 114 8 5 3 3  
D 595 707 726 680 352 357 439 289 13 14 14 9  
E 424 396 433 421 172 222 199 203 13 52 11 2  
F 411 458 547 463 123 105 121 130 11 5 6 6  
G 1031 1088 1100 1124 299 242 291 239 6 17 8 6  
H 1050 967 1136 997 239 225 237 220 10 3 16 9

End of plate 1

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Date: \_\_\_\_\_

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HSWRF72

SPA

115 ~~±~~

start n=1

Time: 11:50 AM

SML

13 plates

n=1

CC40-7

8

9

10

11

12

13

14

15

16

17

18

CC43-01

start time: 4:05 PM

n=2

CC-40-7

:

:

:

CC40-18

CC43-01

Count spi  
6:00 PM

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Witnessed & Understood by me,

Date

Invented by

Date

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om Page No

Protocol #17 11:40 Packard Instrument Company 125I BINDING(QUICK) Page User : 5HT FUN

Count Time(minutes): 2.00  
Assay Type: CPM  
Background Subtract : IPA Bkg  
Outlier: 5.0 FLAG  
Screening: OFF

Window A  
Nuclide: I-125  
Half Life(hours): 0.00  
Multiplier: 1.0000  
3CV Flag Limit: 0.00

Sl	A:CPM	A:ERR	B:CPM	B:ERR	A:ERROR	CCPM RESULT	PAT/ID
1	116080	0.21	0.0			116080	SAMPLE 1
2	128170	0.20	0.0			128170	SAMPLE 2

MNU 125  
23

Htsreq

Date	h-SNORF72	Receptor
Number of Compound Plates (A)	25 Plates	" Per Receptor "
Number of HTS Assay Plates (B)	26 Plates	" B = A plates + 1 control plate"
Membrane Volume Required (C)	560 ml	" C = (B plates + 2 plates extra) * 100 wells/plate * 0.2 ml"
R. L. Required in Deepwell (D)	700 ul/well	" D = (B plates + 2 plates extra) * 25 ul/well"
NSB Volume Required (G)	3.6 ml	" G = 0.025ml * ( (B *4) wells + 40 extra wells)"
PEI Required (E)	150 ml	" E = (B plates *100 wells/plate* 0.05 ml/well) + 20 ml"
Wash Buffer Required (F)	2580 ml	" F = (B plates * 100 wells/plate * 0.2 ml/(well*wash) * 4 washes) + 500 ml extra"

Date	h-SNORF72	Receptor
Number of Compound Plates (A)	12 Plates	" Per Receptor "
Number of HTS Assay Plates (B)	13 Plates	" B = A plates + 1 control plates"
Membrane Volume Required (C)	300 ml	" C = (B plates + 2 plates extra) * 100 wells/plate * 0.2 ml"
R. L. Required in Deepwell (D)	375 ul/well	" D = (B plates + 2 plates extra) * 25 ul/well"
NSB Volume Required (G)	2.3 ml	" G = 0.025ml * ( (B *4) wells + 40 extra wells)"
PEI Required (E)	85 ml	" E = (B plates *100 wells/plate* 0.05 ml/well) + 20 ml"
Wash Buffer Required (F)	1540 ml	" F = (B plates * 100 wells/plate * 0.2 ml/(well*wash) * 4 washes) + 500 ml extra"

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16

rom Page No. \_\_\_\_\_

Counting protocol no: 9

13:47

Name: SPA\_1251

CPM normalization protocol no: 9

Total count rate: 55225.7 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

*Pre-Assay*

	1	2	3	4	5	6	7	8	9	10	11	12
A	2781	2925	2969	2756	307	311	277	331	5	8	10	3
B	3041	2999	3308	2898	356	298	282	291	15	5	9	6
C	3044	3088	3152	3054	477	484	389	403	11	8	17	5
D	15	18	24	29	15	13	8	17	14	11	11	8
E	1225	1491	1389	1275	474	470	478	459	6	9	13	5
F	1400	1254	1362	1205	443	473	492	476	5	14	8	5
G	9	16	11	27	13	8	18	18	11	17	22	13
H	6	11	14	11	8	13	10	10	6	11	6	3

*Swamp 72**Swamp 72*

Plate list for Runset hy20306

Date: \_\_\_\_\_

Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission	Date
1	CC40-07_D0002	CC40-07_M0001			
2	CC40-08_D0002	CC40-08_M0001			
3	CC40-09_D0002	CC40-09_M0001			
4	CC40-10_D0002	CC40-10_M0001			
5	CC40-11_D0002	CC40-11_M0001			
6	CC40-12_D0002	CC40-12_M0001			
7	CC40-13_D0002	CC40-13_M0001			
8	CC40-14_D0002	CC40-14_M0001			
9	CC40-15_D0002	CC40-15_M0001			
10	CC40-16_D0002	CC40-16_M0001			
11	CC40-17_D0002	CC40-17_M0001			
12	CC40-18_D0002	CC40-18_M0001			
13	CC43-01_D0002	CC43-01_M0001			

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Witnessed &amp; Understood by me, \_\_\_\_\_

Date \_\_\_\_\_

Invented by \_\_\_\_\_

Date \_\_\_\_\_

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TLE

om Page No. Plate list for Runset h0306a

Date: \_\_\_\_\_

Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission Date
1	CC40-07_D0002	CC40-07_M0001		
2	CC40-08_D0002	CC40-08_M0001		
3	CC40-09_D0002	CC40-09_M0001		
4	CC40-10_D0002	CC40-10_M0001		
5	CC40-11_D0002	CC40-11_M0001		
6	CC40-12_D0002	CC40-12_M0001		
7	CC40-13_D0002	CC40-13_M0001		
8	CC40-14_D0002	CC40-14_M0001		
9	CC40-15_D0002	CC40-15_M0001		
10	CC40-16_D0002	CC40-16_M0001		
11	CC40-17_D0002	CC40-17_M0001		
12	CC40-18_D0002	CC40-18_M0001		
13	CC43-01_D0002	CC43-01_M0001		

Plate list for Runset hy20306

Date: \_\_\_\_\_

Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission Date
1	CC40-07_D0002	CC40-07_M0001		
2	CC40-08_D0002	CC40-08_M0001		
3	CC40-09_D0002	CC40-09_M0001		
4	CC40-10_D0002	CC40-10_M0001		
5	CC40-11_D0002	CC40-11_M0001		
6	CC40-12_D0002	CC40-12_M0001		
7	CC40-13_D0002	CC40-13_M0001		
8	CC40-14_D0002	CC40-14_M0001		
9	CC40-15_D0002	CC40-15_M0001		
10	CC40-16_D0002	CC40-16_M0001		
11	CC40-17_D0002	CC40-17_M0001		
12	CC40-18_D0002	CC40-18_M0001		
13	CC43-01_D0002	CC43-01_M0001		

To Page No. \_\_\_\_\_

Witnessed &amp; Understood by me,

Date: \_\_\_\_\_

Invented by \_\_\_\_\_

Date: \_\_\_\_\_

Recorded by \_\_\_\_\_

TLE

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from Page list for Runset hSNORF7

Date: \_\_\_\_\_

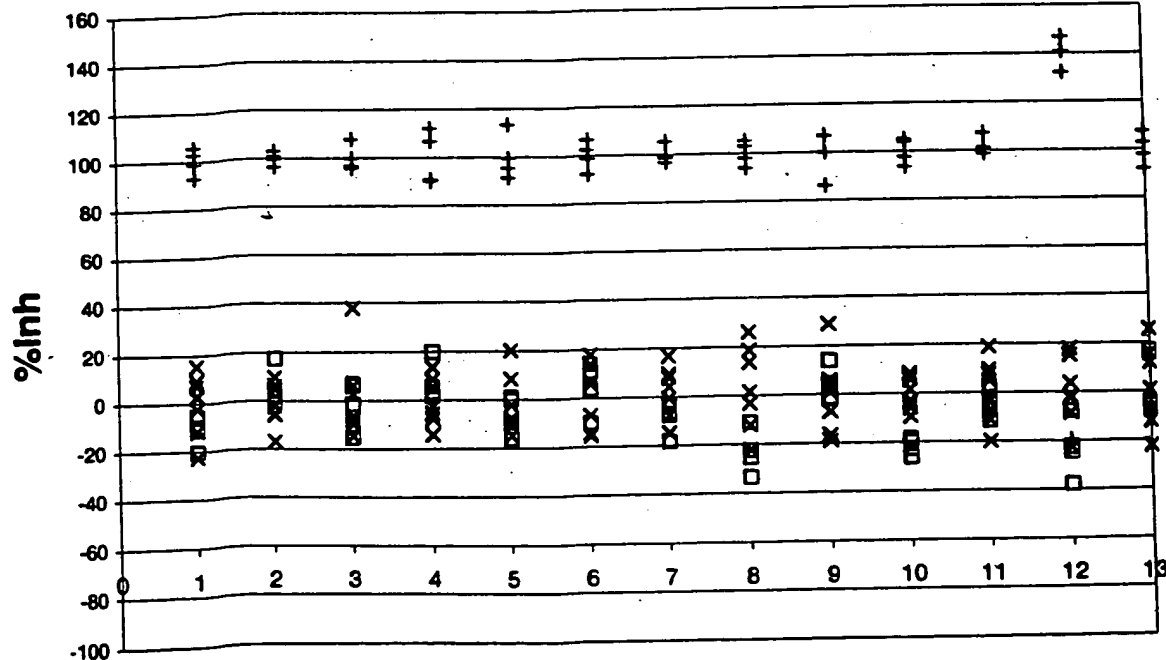
Page: 1

Plate Position	D-Plate ID	M-Plate ID	Type	Submission Date
1	CC40-07_D0003	CC40-07_M0001		
2	CC40-08_D0003	CC40-08_M0001		
3	CC40-09_D0003	CC40-09_M0001		
4	CC40-10_D0003	CC40-10_M0001		
5	CC40-11_D0003	CC40-11_M0001		
6	CC40-12_D0003	CC40-12_M0001		
7	CC40-13_D0003	CC40-13_M0001		
8	CC40-14_D0003	CC40-14_M0001		
9	CC40-15_D0003	CC40-15_M0001		
10	CC40-16_D0003	CC40-16_M0001		
11	CC40-17_D0003	CC40-17_M0001		
12	CC40-18_D0003	CC40-18_M0001		
13	CC43-01_D0003	CC43-01_M0001		

### hSNORF72 Standards

n=1

- x Totals
- 1000 fold of NSB
- + NSBs



Plates

Witnessed & Understood by me, \_\_\_\_\_

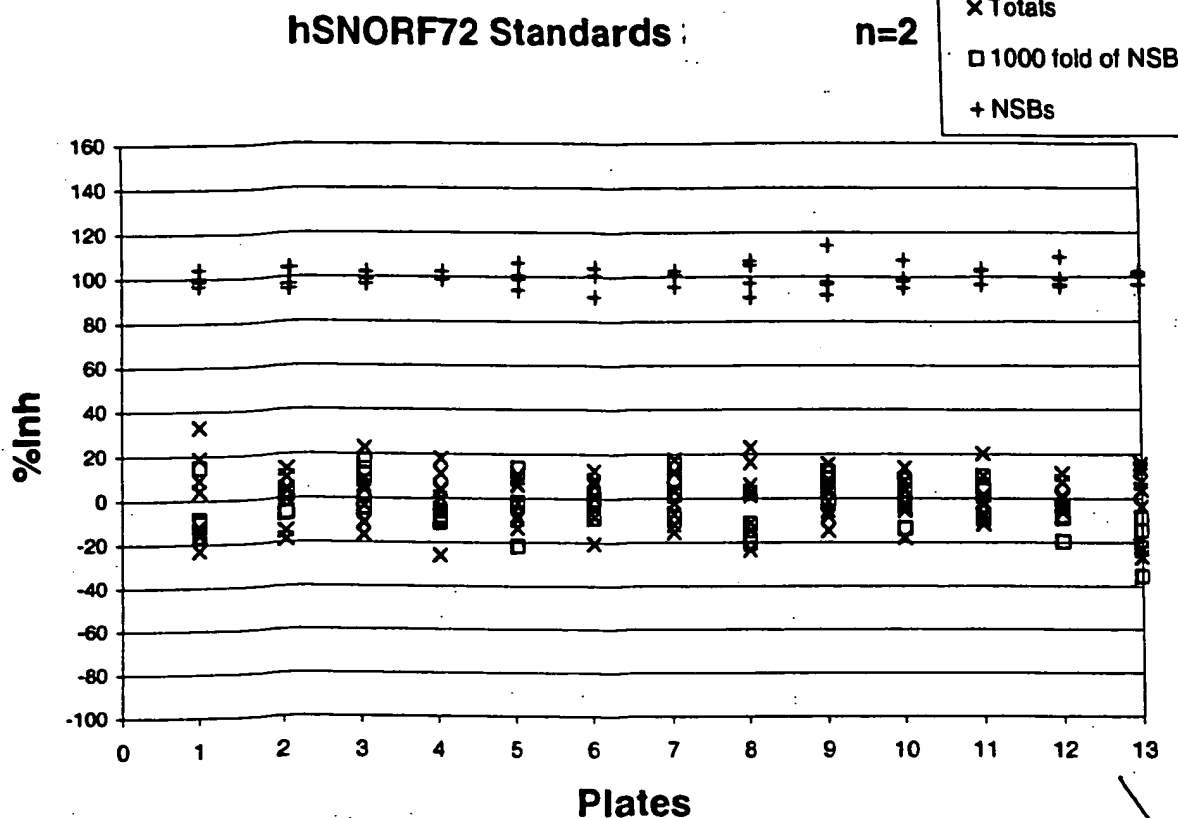
Invented by \_\_\_\_\_

Date, \_\_\_\_\_

Recorded by \_\_\_\_\_

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SAMPLE_ID	COMPID_ID	%Inh 3/24h	%Inh 3/24h	Avg
CC40-07-B12	SNAP53334-X	46.50	51.90	49.20
CC40-09-A12	SNAP53487-X	41.74	41.85	41.79
CC40-08-E12	SNAP53447-X	35.47	47.26	41.37
CC40-09-E04	SNAP53519-X	31.62	43.96	37.79
CC40-09-G12	SNAP54488-X	42.73	31.90	37.31
CC40-07-E12	SNAP53364-X	33.80	37.83	35.81
CC40-15-H10	SNAP54148-X	39.36	30.26	34.81
CC40-07-A09	SNAP49617-X	35.52	33.90	34.71
CC40-07-E07	SNAP53359-X	17.44	51.69	34.56
CC40-08-F12	SNAP53457-X	35.26	33.61	34.43
CC40-08-E11	SNAP53446-X	26.14	41.98	34.06
CC40-08-B12	SNAP53417-X	46.29	20.40	33.34
CC40-09-H11	SNAP53556-X	37.77	28.72	33.25
CC40-12-H11	SNAP53827-X	42.29	23.88	33.09
CC40-07-E04	SNAP53356-X	42.84	23.14	32.99
CC40-09-F04	SNAP53529-X	39.75	26.18	32.97
CC40-08-E04	SNAP53439-X	35.26	29.20	32.23
CC40-07-F06	SNAP53369-X	21.53	42.79	32.16
CC40-09-E12	SNAP53527-X	34.79	29.36	32.08
CC40-07-E09	SNAP53361-X	14.85	48.17	31.51
CC40-07-H11	SNAP53394-X	29.28	32.86	31.07
CC40-09-A09	SNAP53484-X	28.65	32.75	30.70
CC40-07-B11	SNAP53333-X	9.04	52.31	30.68
CC40-09-H04	SNAP54490-X	28.25	31.90	30.07
CC40-09-E11	SNAP53526-X	34.99	25.13	30.08

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**Date**

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## RUN INFORMATION:

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Counting protocol no: 9

Name: SPA\_1251

CPM normalization protocol no: 9

Total count rate: 87762.0 CCPM

PLATES:

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Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

*26Temp15.txt*  
*h SWOFF72 -SPA*  
*125 MNV-23*  
*RDO: .XIS*  
*std 1000 fold dilution*  
*of NSB*      *CC40-07*

	1	2	3	4	5	6	7	8	9	10	11	12
A	971	1039	874	1054	922	1012	862	826	805	821	921	864
B	1043	540	990	961	877	877	903	905	870	937	928	754
C	952	1032	972	901	925	1372	855	901	896	1060	938	894
D	1094	512	909	960	804	864	938	907	952	942	917	881
E	912	1011	811	771	897	868	889	978	901	923	927	813
F	974	492	839	930	878	870	978	950	907	1068	930	940
G	997	1083	924	986	961	1025	931	902	929	1093	929	983
H	941	478	898	948	885	973	812	1234	898	939	834	792

End of plate 1

Total count rate: 90933.9 CCPM

PLATES:

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Plate 1

Cassette information:

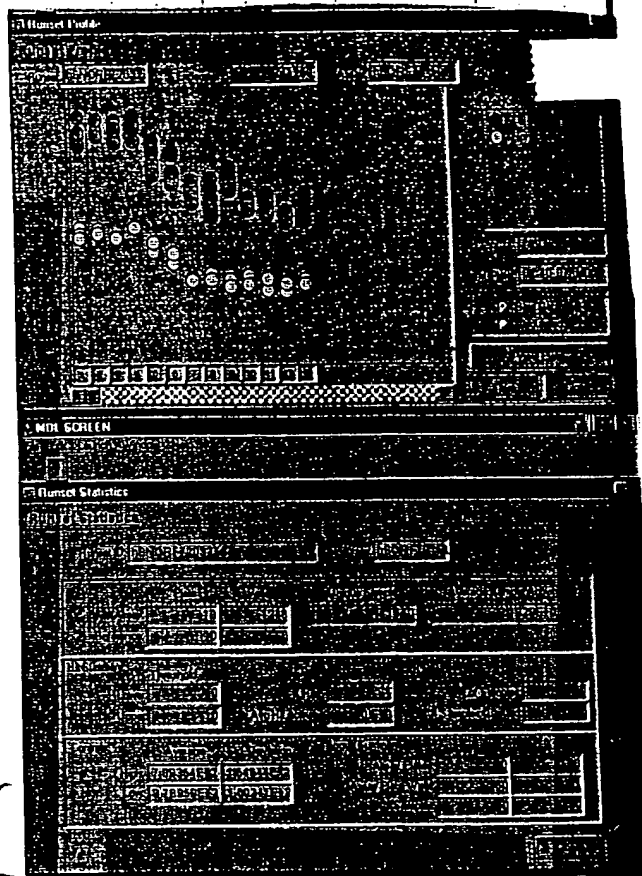
Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

*CC40-08*

	1	2	3	4	5	6	7	8	9	10	11	12
A	957	994	1013	1003	859	865	854	1003	893	980	872	881
B	972	533	960	988	957	1065	889	959	930	884	1009	784
C	1028	983	942	900	1082	870	959	884	876	1020	950	919
D	979	516	930	985	1113	1069	1015	994	962	1198	1103	980
E	957	920	869	836	999	938	954	984	931	943	879	835
F	1030	548	944	998	910	934	979	1033	904	946	964	836
G	1082	1003	1033	999	917	923	968	942	1036	1073	1115	917
H	1013	526	1005	1010	1021	1171	911	997	952	967	1031	890



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Date \_\_\_\_\_

Invented by \_\_\_\_\_

Date \_\_\_\_\_

Recorded by \_\_\_\_\_

LE

	1	2	3	4	5	6	7	8	9	10	11	12
A	993	961	1093	933	888	822	882	834	836	916	854	770
B	1025	497	894	900	844	857	816	878	874	912	884	729
C	942	1028	807	791	892	794	814	975	842	832	857	778
D	992	492	885	1166	842	964	810	956	1005	1011	938	854
E	926	920	808	821	797	772	840	1077	888	980	804	805
F	984	477	887	780	933	941	1001	882	885	1011	874	835
G	1001	924	966	912	858	981	1014	881	856	976	945	765
H	774	439	902	838	782	789	1004	851	968	897	790	809

CC40-095

End of plate 1

Total count rate: 86314.7 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-10

	1	2	3	4	5	6	7	8	9	10	11	12
A	1047	881	980	907	865	900	853	780	912	917	814	895
B	937	537	848	941	968	818	868	741	907	854	719	760
C	1004	968	932	990	900	853	900	819	861	866	926	915
D	991	540	1006	886	1557	960	922	978	970	979	935	847
E	1015	950	928	848	879	900	890	912	945	979	919	933
F	1005	460	898	944	884	851	930	817	965	964	961	925
G	912	961	766	918	922	971	896	880	954	900	994	854
H	913	434	915	971	974	930	846	938	889	912	904	899

End of plate 1

Total count rate: 80799.1 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-11

	1	2	3	4	5	6	7	8	9	10	11	12
A	831	909	1054	862	804	825	910	871	861	851	868	792
B	806	434	911	929	855	834	767	793	866	811	817	885
C	903	939	920	950	741	770	858	848	835	907	1054	915
D	878	470	845	941	857	837	878	843	819	821	846	910
E	934	868	897	800	842	701	748	877	795	852	957	1080
F	780	452	984	944	811	761	813	927	952	910	785	853
G	911	863	893	915	992	918	850	848	832	876	785	749
H	904	373	796	965	814	817	789	680	795	752	746	884

End of plate 1

CCPM1

CC40-12

	1	2	3	4	5	6	7	8	9	10	11	12
A	739	767	789	748	776	767	785	830	747	1011	767	865
B	787	380	890	932	913	787	752	785	830	919	836	1013
C	876	857	921	834	915	897	593	697	682	647	811	730
D	881	423	686	716	683	827	611	717	785	690	704	777
E	756	754	662	742	685	712	766	832	1007	847	885	919
F	790	396	837	866	751	753	814	894	1010	956	946	838
G	844	798	1015	721	669	713	682	688	787	790	742	699
H	842	362	752	746	749	796	832	723	715	727	635	777

End of plate 1

Total count rate: 65849.9 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-13

	1	2	3	4	5	6	7	8	9	10	11	12
A	702	751	639	677	620	659	678	619	668	663	700	669
B	687	311	679	689	800	688	708	666	689	735	672	689
C	722	748	703	757	700	725	728	694	702	722	635	746
D	680	303	766	748	669	821	758	702	706	723	763	776
E	649	733	765	672	727	716	778	733	665	709	733	735
F	752	274	637	764	798	667	624	679	766	793	632	730
G	783	797	687	722	688	745	651	702	792	706	703	626
H	782	299	588	644	660	696	655	655	582	633	616	654

End of plate 1

Total count rate: 67380.2 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-14

	1	2	3	4	5	6	7	8	9	10	11	12
A	760	771	728	722	682	686	655	699	632	734	718	667
B	633	333	730	796	770	771	774	801	811	565	753	626
C	615	761	729	734	722	773	749	747	653	734	707	658
D	724	307	732	762	719	703	782	826	681	726	803	634
E	589	720	783	679	734	732	720	736	667	768	732	599
F	676	315	738	836	772	743	728	701	877	704	673	715
G	761	800	819	774	764	758	754	693	858	780	684	651
H	692	348	623	728	628	602	670	664	641	648	693	616

Witnessed &amp; Understood by me,

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Date

Recorded by

Project No. \_\_\_\_\_

Book No. \_\_\_\_\_

TITLE \_\_\_\_\_

CCPM1

CC40-15

	1	2	3	4	5	6	7	8	9	10	11	12
A	805	675	702	669	704	680	634	785	653	728	739	721
B	731	309	711	718	681	733	696	735	756	754	732	667
C	815	742	848	781	704	694	734	744	612	694	773	710
D	764	368	814	687	742	624	719	779	750	669	704	770
E	715	740	615	700	628	643	692	709	708	688	643	652
F	709	279	733	617	703	693	802	684	657	782	688	776
G	726	715	740	767	762	812	650	682	792	728	692	706
H	612	280	643	679	743	699	683	646	635	570	615	601

End of plate 1

Total count rate: 65271.5 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-16

	1	2	3	4	5	6	7	8	9	10	11	12
A	638	721	619	614	632	543	607	753	694	660	660	632
B	658	323	781	669	704	834	689	676	642	680	732	770
C	625	733	772	715	794	799	676	650	781	704	655	760
D	654	287	746	663	619	672	644	631	677	594	703	663
E	676	711	665	786	755	847	934	885	778	813	587	807
F	620	309	704	729	745	806	865	741	752	805	712	663
G	664	707	618	620	649	732	675	659	635	687	667	598
H	615	283	672	654	685	734	601	644	737	648	632	618

End of plate 1

Total count rate: 64466.8 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-17

	1	2	3	4	5	6	7	8	9	10	11	12
A	668	622	766	748	869	685	838	730	754	823	679	1031
B	639	261	708	955	693	652	779	596	865	652	629	662
C	698	669	695	679	680	625	639	621	658	685	631	569
D	654	310	686	674	666	1003	839	790	597	748	698	693
E	597	646	628	716	675	717	695	874	673	746	651	696
F	613	282	715	648	699	751	595	774	582	649	582	598
G	565	637	762	609	707	553	659	678	670	617	609	579
H	604	291	653	635	599	583	728	717	691	746	641	626

CCPM1

CC40-18

	1	2	3	4	5	6	7	8	9	10	11	12
A	588	614	769	772	622	728	751	673	870	812	724	680
B	600	255	805	809	749	651	624	652	713	628	737	1005
C	561	684	990	1039	718	652	687	752	705	697	748	609
D	602	289	680	642	692	657	798	766	926	772	749	873
E	616	649	998	909	956	769	808	653	744	673	663	762
F	600	269	681	612	588	646	665	679	595	762	627	634
G	649	653	697	807	637	902	801	829	890	850	703	706
H	555	642	789	706	889	745	991	734	737	778	896	832

End of plate 1

Total count rate: 60503.4 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC43-01

	1	2	3	4	5	6	7	8	9	10	11	12
A	577	643	738	659	662	612	638	636	657	672	680	610
B	614	306	647	630	627	741	657	590	728	621	651	620
C	658	636	573	623	565	636	809	616	572	620	577	705
D	659	286	586	635	693	583	743	773	562	640	867	620
E	565	633	597	803	674	602	720	727	683	674	590	627
F	693	253	639	638	672	724	623	584	574	613	556	646
G	641	560	716	624	621	626	623	563	702	558	620	671
H	531	269	680	600	624	683	661	883	620	606	651	608

To Page No. \_\_\_\_\_

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Date / /

Recorded by

Project No. \_\_\_\_\_

Book No. \_\_\_\_\_

135

TITLE \_\_\_\_\_

From Page No. \_\_\_\_\_

## RUM INFORMATION:

=====

Counting protocol no: 9

Name: SPA\_1251

CPM normalization protocol no: 9

Total count rate: 84948.0 CCPM

PLATES:

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Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	949	898	899	1124	1053	1135	890	895	812	929	795	842
B	1077	491	913	985	970	920	969	925	836	896	723	725
C	1032	1046	963	902	870	868	946	883	797	868	737	883
D	812	498	916	909	880	813	911	889	833	811	842	815
E	1044	1016	927	864	797	821	726	887	743	834	801	793
F	1025	508	852	935	821	769	881	906	950	954	826	927
G	926	1008	976	1016	919	843	883	1006	966	971	907	1018
H	879	473	957	869	920	982	866	1035	980	869	817	883

End of plate 1

Total count rate: 86644.6 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	945	951	889	942	911	985	931	999	881	915	826	848
B	1027	488	917	947	934	915	933	871	915	868	822	868
C	1045	953	880	855	871	855	910	868	889	922	822	876
D	963	521	834	1016	1027	1003	883	912	948	895	1098	1040
E	900	988	905	828	854	837	925	874	871	859	770	746
F	946	530	902	866	946	894	957	937	901	891	805	808
G	918	990	909	876	920	885	904	845	848	896	1082	903
H	941	487	1037	910	1088	1273	839	1025	1007	1074	986	851

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Invented by \_\_\_\_\_

Date: \_\_\_\_\_

Recorded by \_\_\_\_\_

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	899	857	1144	892	917	843	1056	880	777	1011	876	734
B	931	464	917	896	952	807	899	850	834	886	827	890
C	992	936	984	844	858	923	864	1003	793	843	781	841
D	878	474	987	828	985	883	869	933	981	923	782	946
E	813	839	894	724	894	915	782	1097	843	990	813	793
F	967	449	788	808	873	821	898	840	819	805	763	819
G	965	868	868	802	838	855	894	831	842	814	935	781
H	890	450	839	781	987	828	1121	898	973	917	796	854

End of plate 1

Total count rate: 89589.2 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	876	997	986	1038	948	1283	911	932	988	964	864	860
B	983	478	998	899	1037	957	972	910	993	931	1026	885
C	959	1011	1003	953	960	982	1072	949	973	914	961	857
D	941	490	965	954	949	896	919	860	986	876	907	890
E	908	986	931	954	949	907	926	1000	862	973	848	929
F	988	495	946	920	902	876	927	945	871	905	879	911
G	1081	1003	990	944	953	858	927	909	951	908	889	1036
H	944	495	975	1015	1185	965	1012	1036	1125	887	922	895

End of plate 1

Total count rate: 86235.9 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

	1	2	3	4	5	6	7	8	9	10	11	12
A	838	873	1203	906	965	957	964	1092	1030	949	906	810
B	875	425	947	933	802	859	894	864	843	849	914	1007
C	907	881	995	1045	945	940	916	903	954	1009	1024	1064
D	899	433	1037	1106	1027	831	917	909	898	854	894	791
E	924	960	994	866	886	926	868	938	857	821	886	1128
F	820	454	1155	962	832	832	861	1081	930	805	933	966
G	825	806	891	1089	951	911	914	823	862	867	812	884
H	839	401	830	1147	840	883	829	864	801	798	787	1009

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Project No. \_\_\_\_\_

Book No. \_\_\_\_\_

TITLE \_\_\_\_\_

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im Page No  
CCPM1

CC40-12

	1	2	3	4	5	6	7	8	9	10	11	12
A	917	859	937	885	962	913	949	1126	840	1071	911	1063
B	867	409	1006	1127	1005	945	837	863	920	931	917	1189
C	800	842	1020	878	953	1082	822	804	781	832	830	801
D	829	462	772	860	876	860	831	802	851	789	821	796
E	783	869	887	849	839	876	876	1073	1092	848	866	978
F	832	410	840	950	860	843	932	1021	965	1153	1114	989
G	809	836	1081	866	838	822	885	763	774	830	781	840
H	830	423	754	820	870	800	811	830	986	940	727	777

End of plate 1

Total count rate: 75878.0 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-13

	1	2	3	4	5	6	7	8	9	10	11	12
A	886	744	805	856	892	837	863	819	874	739	803	711
B	825	350	881	788	868	784	868	812	876	844	745	719
C	848	776	818	792	857	931	817	760	820	771	779	817
D	800	373	847	808	884	944	790	788	750	782	810	894
E	762	853	902	725	904	1006	832	753	763	837	794	902
F	871	340	879	814	839	814	717	822	756	793	835	771
G	798	808	834	777	704	782	866	755	768	765	823	751
H	735	348	738	789	811	806	784	803	726	787	698	691

End of plate 1

Total count rate: 73833.3 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-14

	1	2	3	4	5	6	7	8	9	10	11	12
A	758	753	874	954	827	870	800	787	805	862	800	770
B	825	353	859	881	868	762	775	798	803	720	759	734
C	695	811	851	791	771	765	751	697	674	704	716	753
D	667	380	782	792	834	787	818	784	752	816	720	821
E	751	835	730	769	816	740	810	749	799	768	773	759
F	738	311	806	912	860	774	725	832	909	840	769	747
G	862	849	896	848	731	891	711	837	927	761	736	787
H	811	319	786	736	720	726	744	744	741	693	737	785

CCPM1

CC40-15

	1	2	3	4	5	6	7	8	9	10	11	12
A	804	828	814	743	777	785	804	805	728	910	810	734
B	892	370	892	855	784	870	819	795	757	818	879	832
C	831	767	1006	942	823	882	970	843	749	795	838	734
D	812	365	827	852	807	761	801	729	728	750	809	720
E	787	782	757	875	784	779	783	735	832	927	807	719
F	751	392	850	782	866	832	830	733	789	979	797	807
G	861	802	863	972	929	1053	857	836	890	775	830	851
H	850	288	784	927	786	836	762	763	715	688	717	705

End of plate 1

Total count rate: 78145.8 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-16

	1	2	3	4	5	6	7	8	9	10	11	12
A	854	835	869	754	740	796	885	894	803	831	818	780
B	786	359	905	823	847	902	857	832	901	837	871	972
C	758	740	892	788	1015	919	796	801	829	776	710	822
D	761	342	800	796	786	866	828	801	793	753	845	841
E	800	785	792	849	934	1001	1157	1003	890	896	696	969
F	743	305	832	947	908	1109	1099	995	858	879	779	877
G	793	751	730	730	718	684	798	841	734	728	765	734
H	716	346	662	794	896	841	799	774	1061	862	826	654

End of plate 1

Total count rate: 74508.5 CCPM

PLATES:

=====

Plate 1

Cassette information:

Assay:-/Prot:-/Cass:-/Func:STOP/Cassette no: 1/Shelf: 1/8\*12

Plate ID: -

CCPM1

CC40-17

	1	2	3	4	5	6	7	8	9	10	11	12
A	648	689	945	956	902	802	979	874	903	936	650	1182
B	778	308	823	892	761	790	963	680	1135	842	778	803
C	725	715	814	697	712	815	698	742	723	754	692	735
D	689	332	822	759	766	1002	872	886	791	881	881	821
E	765	767	762	856	863	706	646	1078	786	860	651	891
F	759	336	822	782	798	764	712	786	640	729	755	749
G	742	711	809	798	790	655	734	694	702	691	705	732
H	738	311	776	715	735	699	933	812	833	921	865	808

Witnessed &amp; Understood by me,

Date

Invented by

Date

Recorded by

11  
ITLE

Project No. \_\_\_\_\_  
Book No. 8758

from \_\_\_\_\_  
CCPM1

CC40-18

	1	2	3	4	5	6	7	8	9	10	11	12
A	696	714	851	990	760	790	940	862	922	969	841	880
B	643	326	945	908	852	752	747	744	802	760	969	1380
C	681	698	1148	1306	1008	728	771	1000	814	847	740	716
D	658	329	830	751	688	672	824	888	1180	888	919	1120
E	707	757	1329	1110	1010	864	980	891	808	758	702	1006
F	684	280	752	720	675	859	773	707	659	902	741	750
G	704	717	897	947	688	1250	982	1035	974	969	893	993
H	708	317	861	931	1048	1057	1114	966	990	921	1138	1033

End of plate 1

Total count rate: 67451.9 CCPM

PLATES:  
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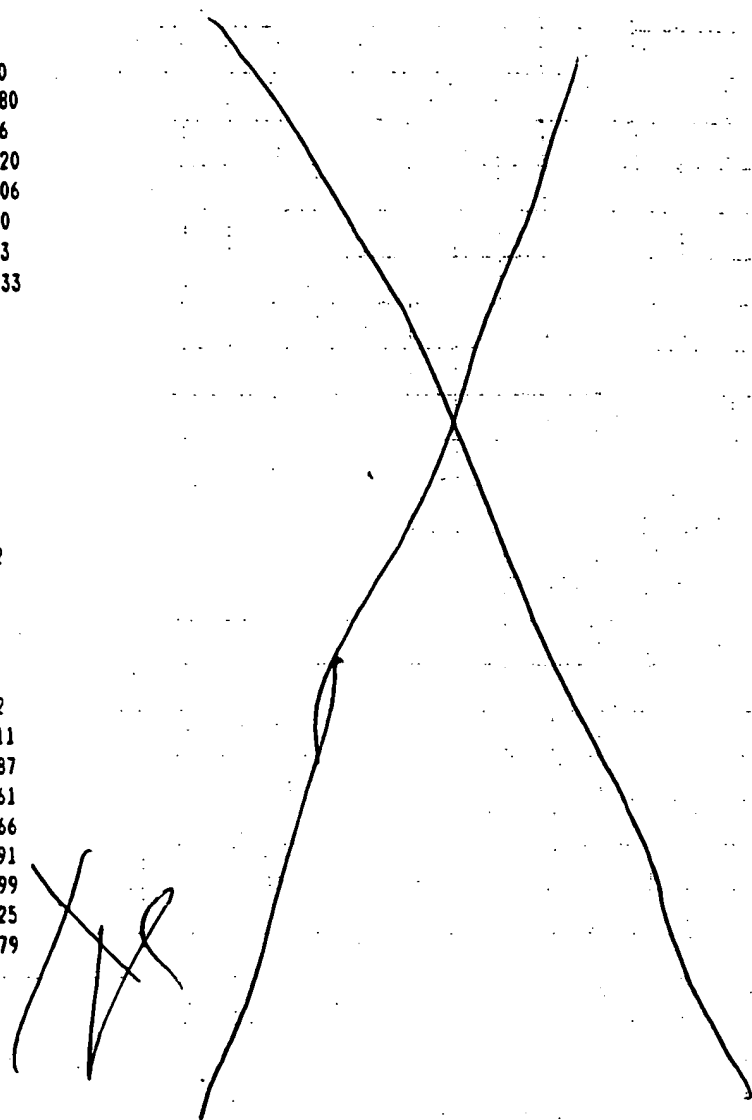
Plate 1

Cassette information:

Assay: -/Prot: -/Cass: -/Func: STOP/Cassette no: 1/Shelf: 1/B\*12  
Plate ID: -

CCPM1 CC43-0.1

	1	2	3	4	5	6	7	8	9	10	11	12
A	595	724	696	697	641	708	705	669	676	749	703	811
B	740	303	657	639	625	721	684	676	897	726	694	787
C	623	770	662	705	670	707	905	778	643	748	559	661
D	605	318	726	693	704	735	803	725	682	691	697	666
E	635	678	686	1073	790	745	762	756	744	774	677	891
F	661	298	715	657	709	659	648	775	704	658	683	699
G	728	698	752	697	697	699	703	710	772	679	683	725
H	603	305	794	656	746	790	732	1049	662	735	782	979



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To Page No. \_\_\_\_\_

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Date \_\_\_\_\_

Recorded by \_\_\_\_\_

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om Page No. \_\_\_\_\_

Jorgensen

Confidential

## BINDING

EXPERIMENT NO.

Go to List

E17809 COShumSNORF72-  
BN 30 A

ASSAY TYPE

Binding

EXP DATE Ligand SA EstKD nM

125IMNU-2 2200 0.900

[nM]  
0.125

DEAE,HandHomogFinal

Plate# 50x 150mm

Pass#

STDeff AssVol ul BindEffic Dil

0.80 250 .45 18

cpm delivered

1221251

T(cpm)

917

NS

491

Total Delivered

152656 dpm

93

Scientist

VJ

Total Bound

2202 dpm

Zone A (&lt;10%)

1.44%

ug/well

10.00

Batch Used

Vials Used

Assays

15819

15819

1.00

3.6

15819

1.00

3.6

15819

1.00

3.6

15819

1.00

3.6

Membrane:

50ul

in 250ul

1077

425

926

401

1045

350

899

305

1081

311

Avg Total Avg NS SPB

991

381

610

62%

28

228

Determination of the Membrane Batch Concentration:

ul of 1: diluted membrane for O.D 595.

O.D.

OD Avg

Slope

Intercept

ug/cuvette

[Stock]mg/ml

Desired SPB

ug/well

10

?

36.1

[Batch]mg/ml

3.47

Assays

36

TotalVol(MLS)

Unknown Protein Conc

MembrVol(ul) ug/well

Known Protein Conc

MembrVol(ul) ug/well

BufVol(MLS) BatchDilution

LPH\_FinalBatchDil

65.00

3675

9.81

?

10.00

61.325

18

88

Commentsspa, robot sml 13plates n=2

To Page No. \_\_\_\_\_

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Date

Recorded by